



TITLE: PREFERENCE PROGRAMMABLE FIRST-ONE DETECTOR AND QUADRATURE BASED
RANDOM GRANT GENERATOR
INVENTOR(S): Sung Soo Park
USSN: 10/645,786 ATTORNEY DOCKET #: WARP- P011

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100

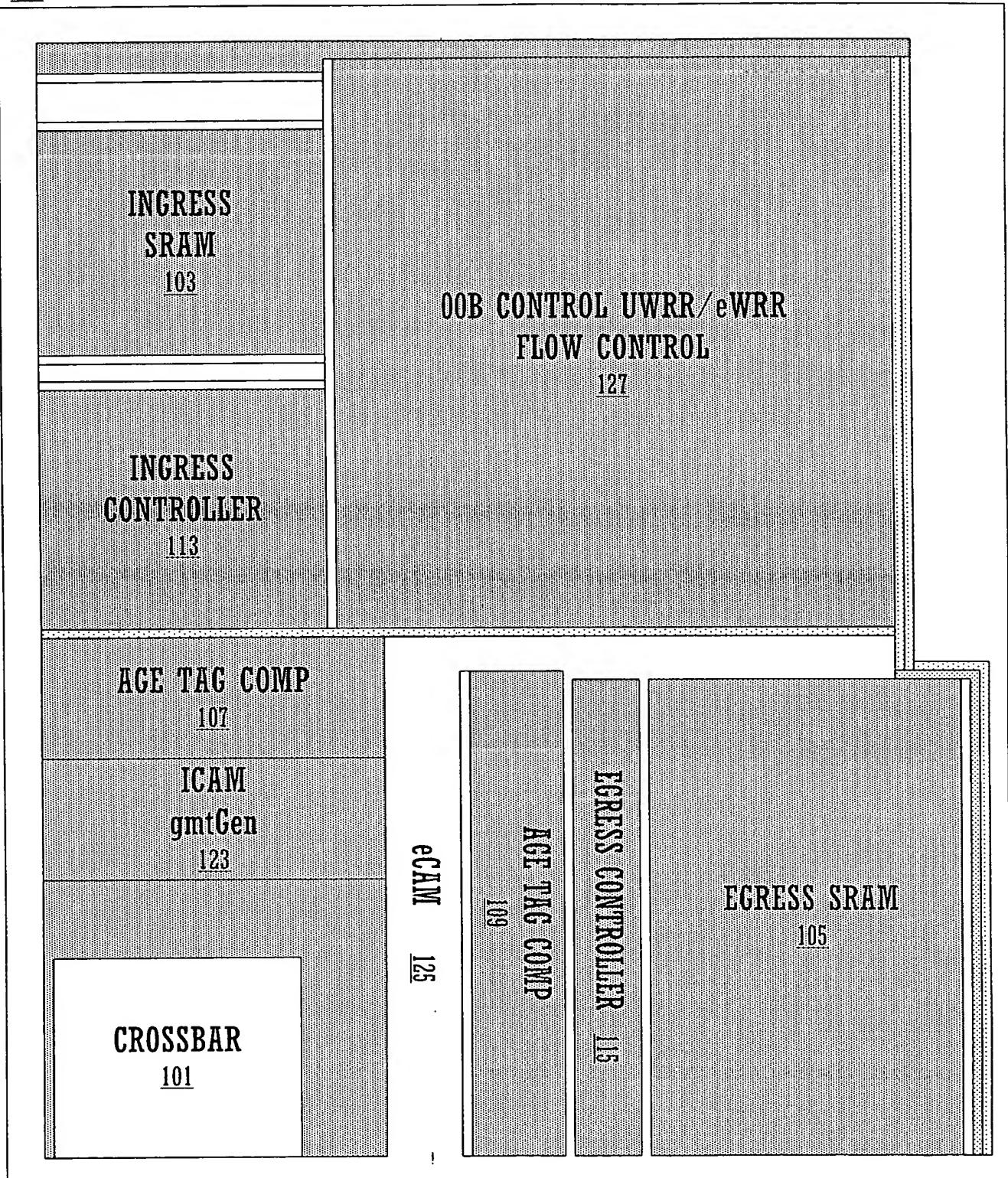


FIGURE 1

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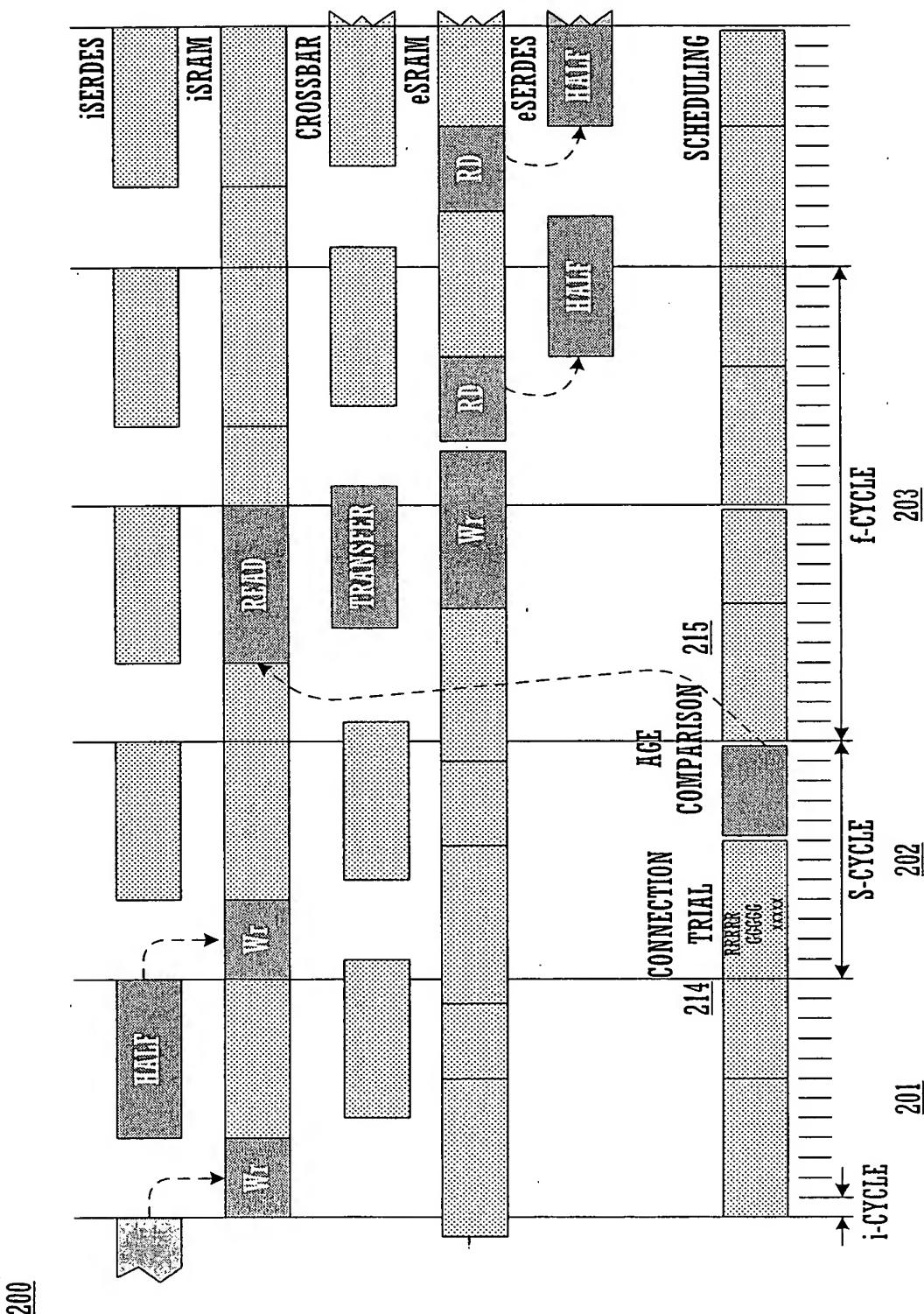


FIGURE 2

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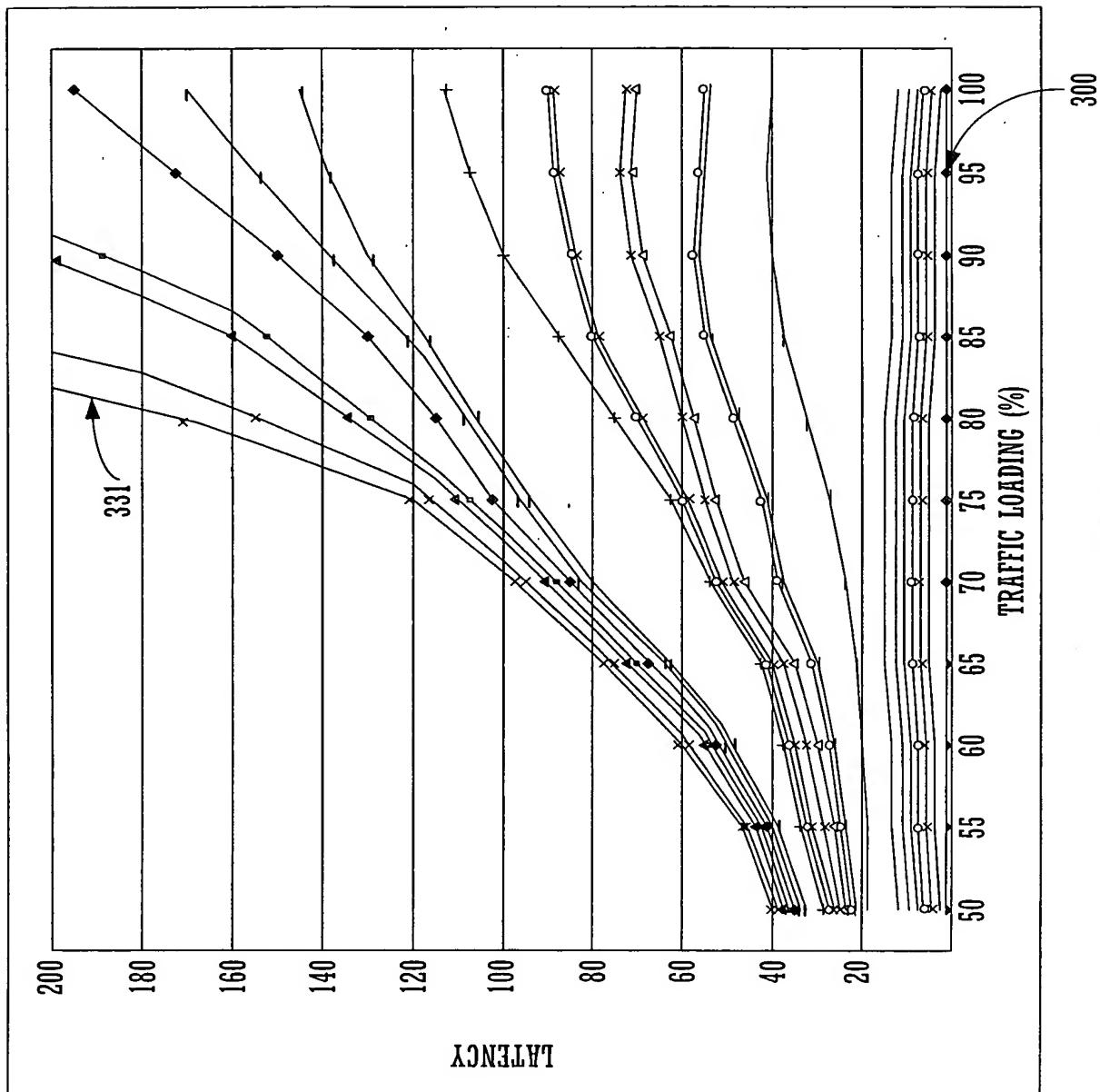


FIGURE 3

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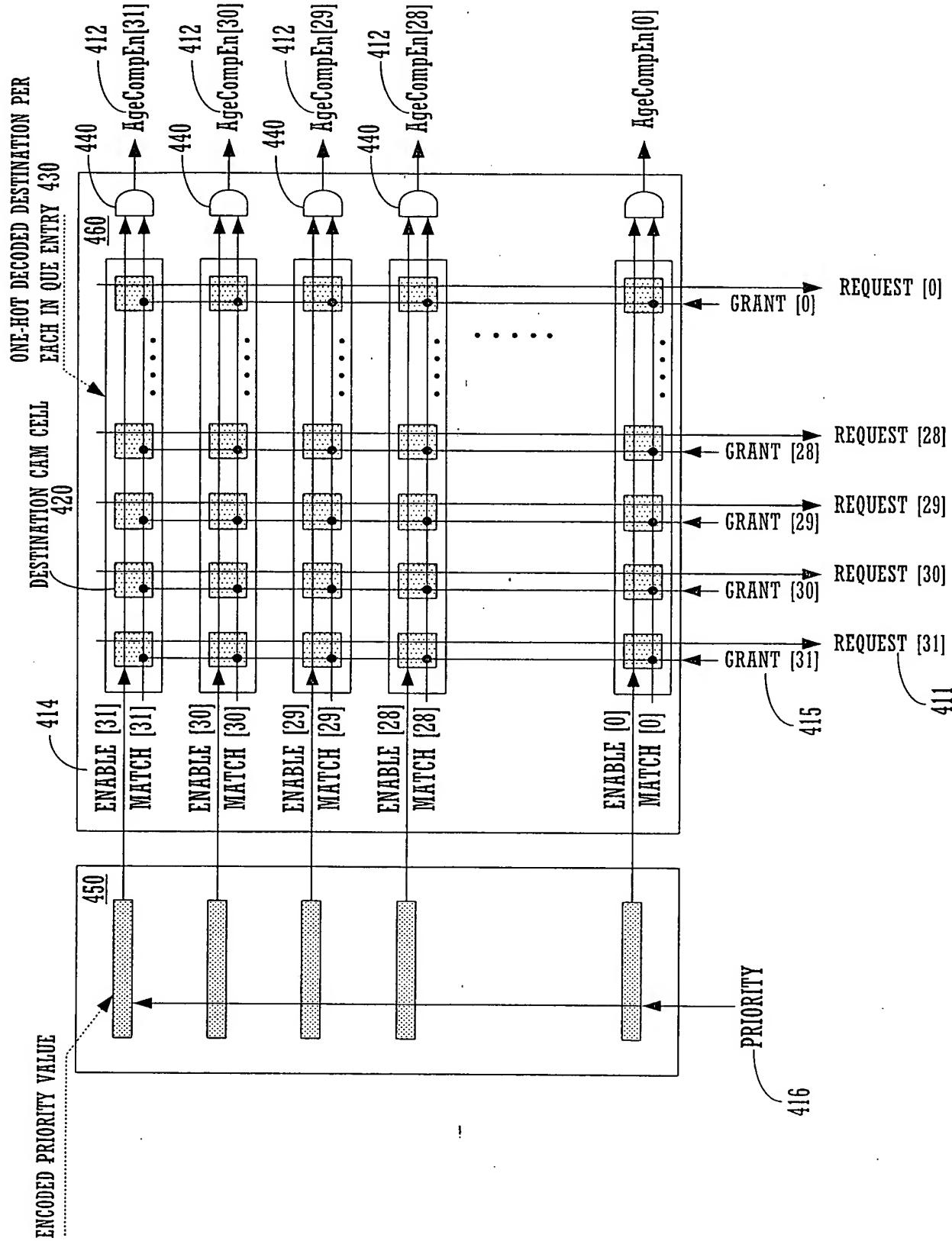


FIGURE 4A

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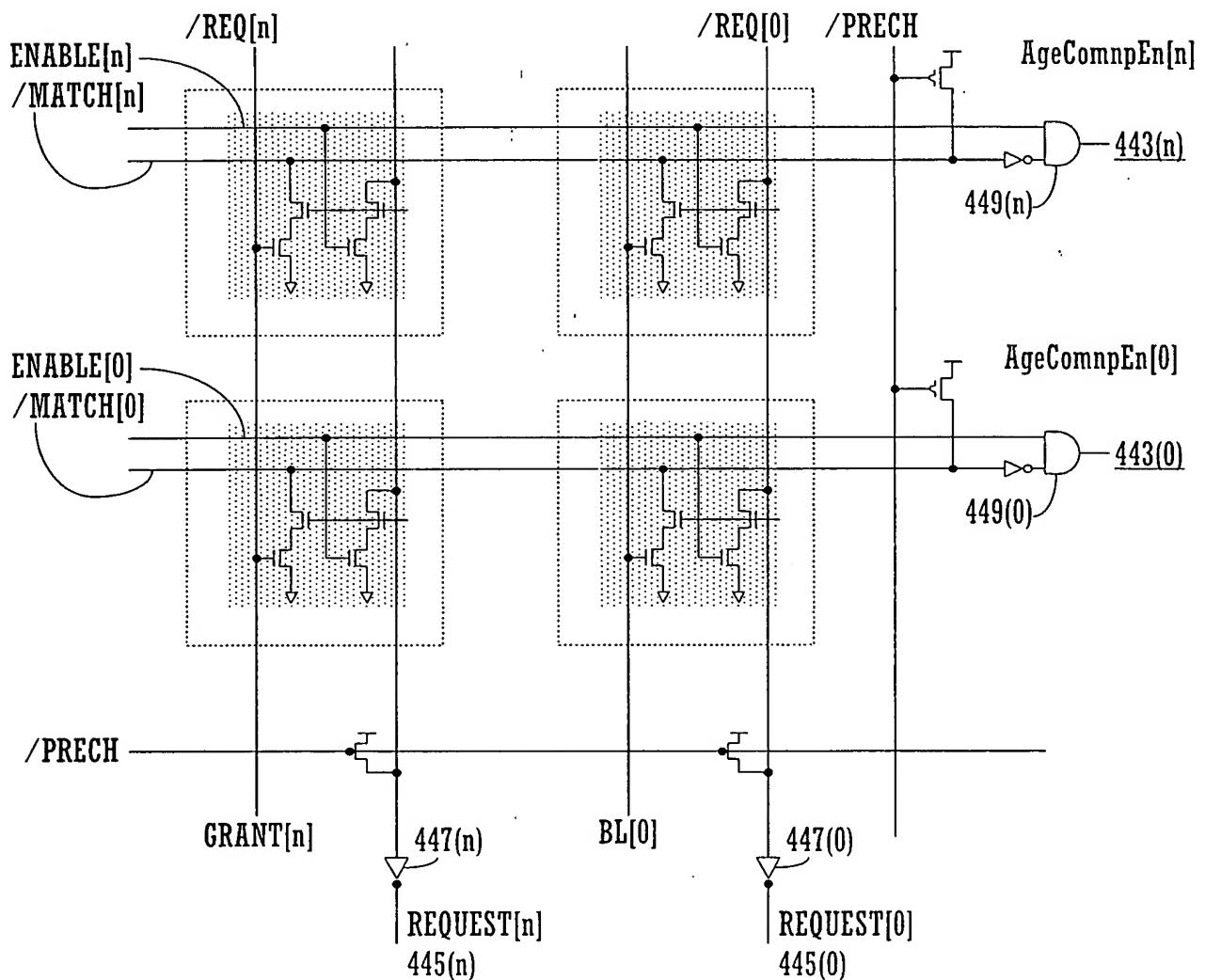
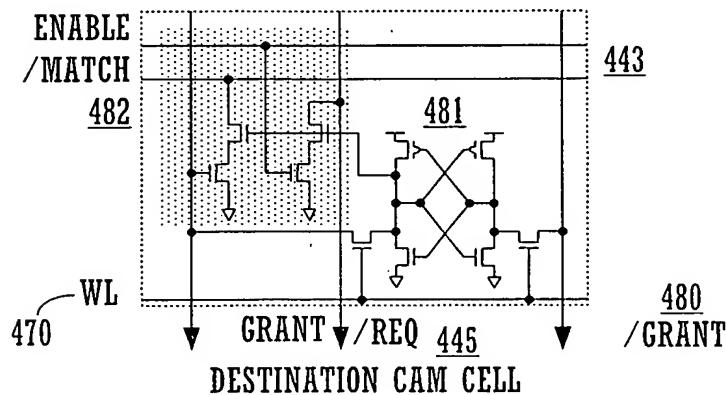


FIGURE 4B

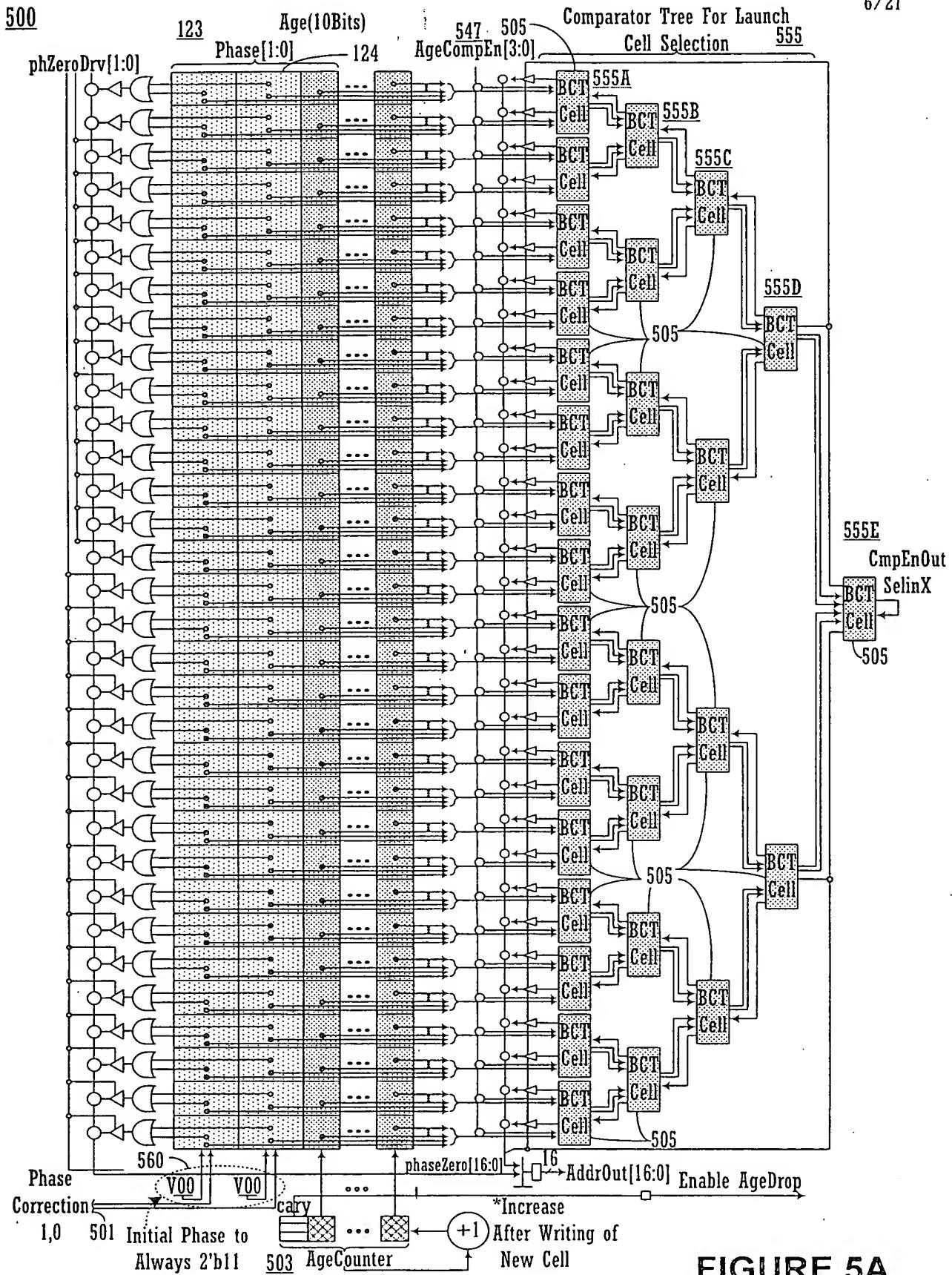


FIGURE 5A

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5000

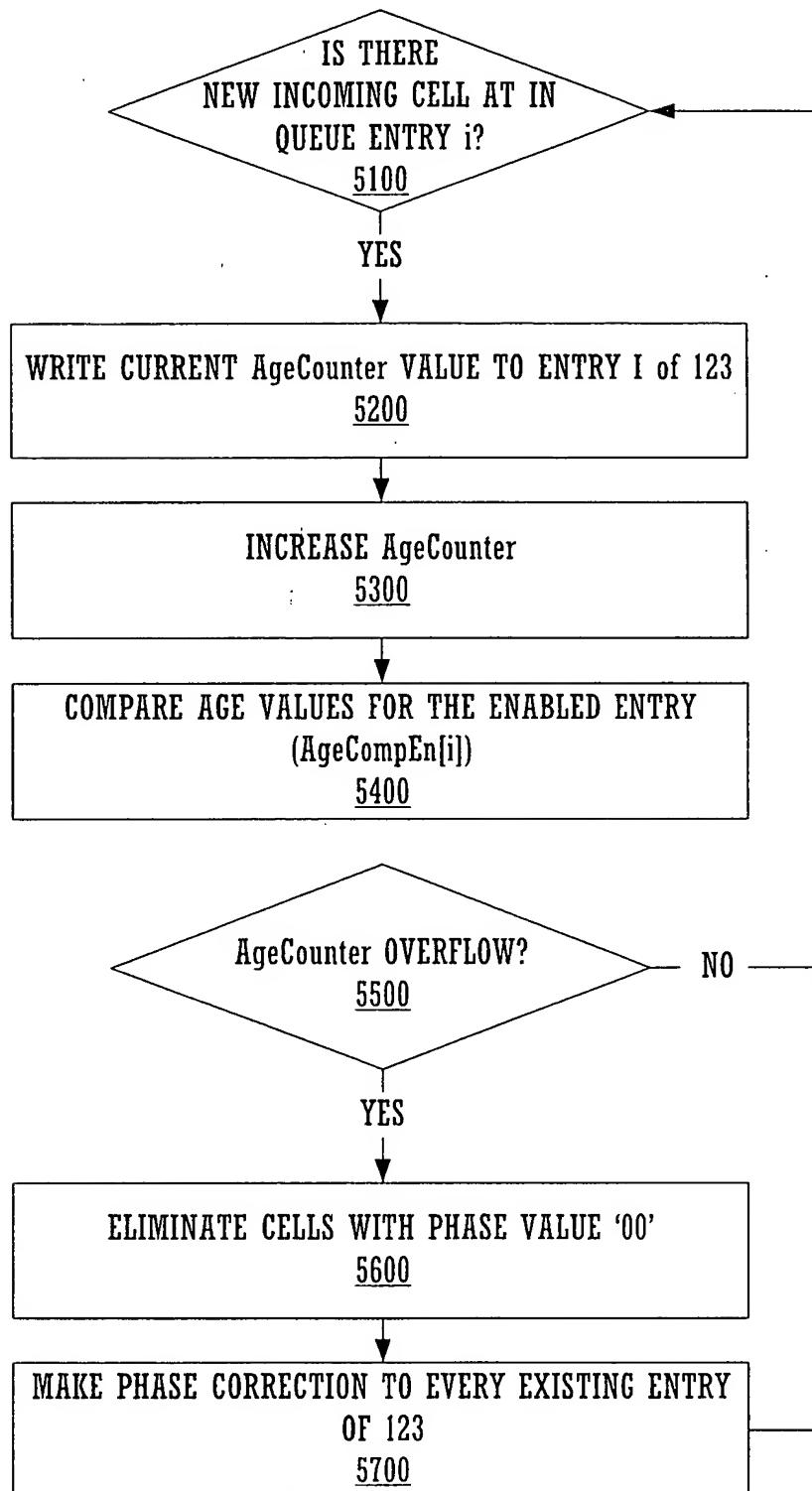


FIGURE 5B

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PHASE CELL STRUCTURE FOR THREE STEP SELF ADJUSTMENT
(11 → 10 → 00 → INVALIDATE)

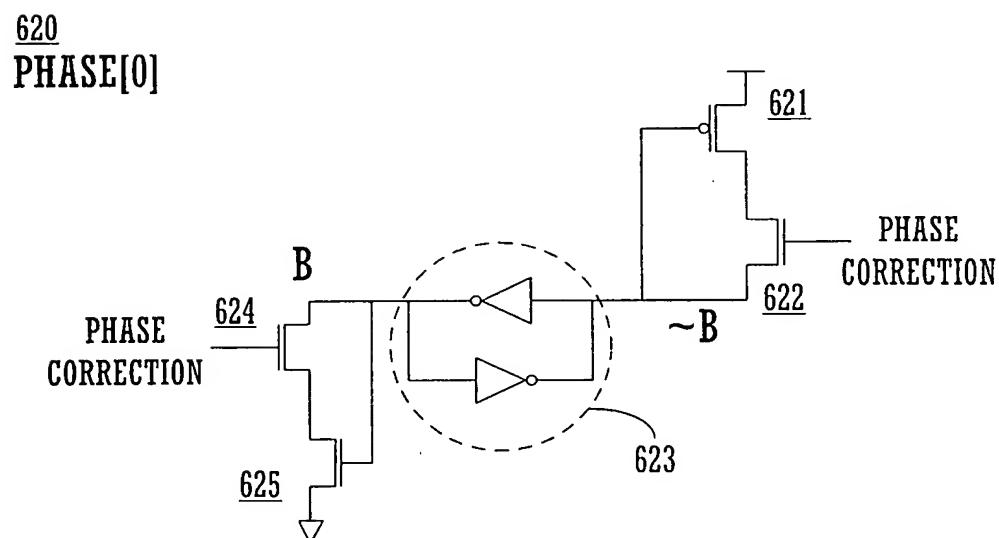
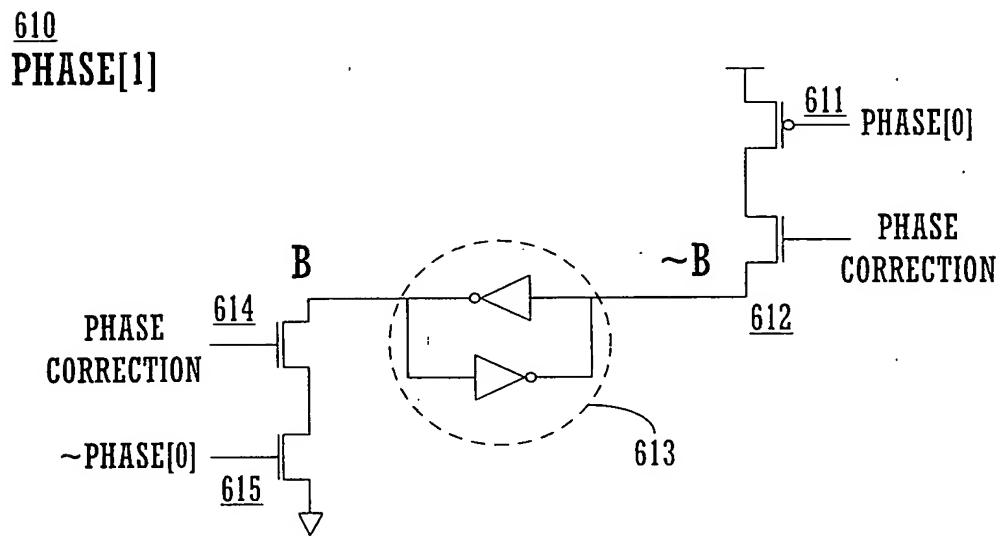


FIGURE 6

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BCT (BINARY COMPARATOR TREE) CELL STRUCTURE

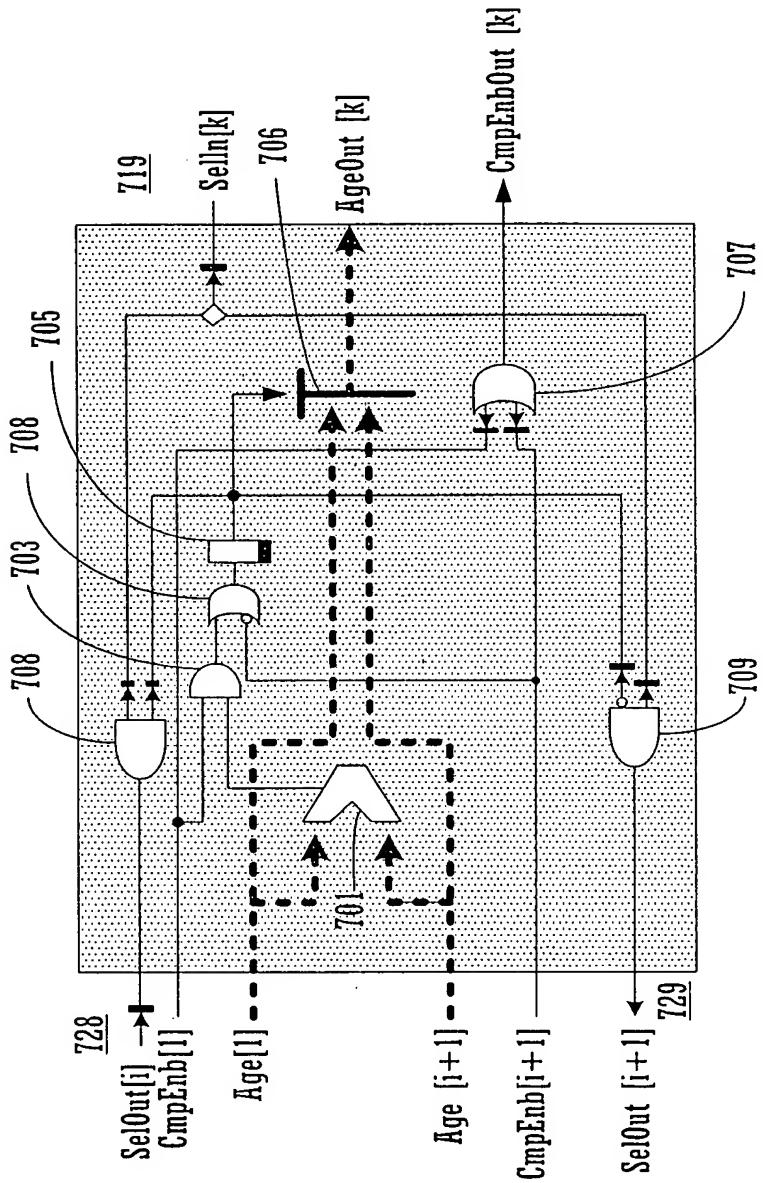


FIGURE 7

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1100

INTERLEAVED AGE-PRIORITY BASED SELECTION

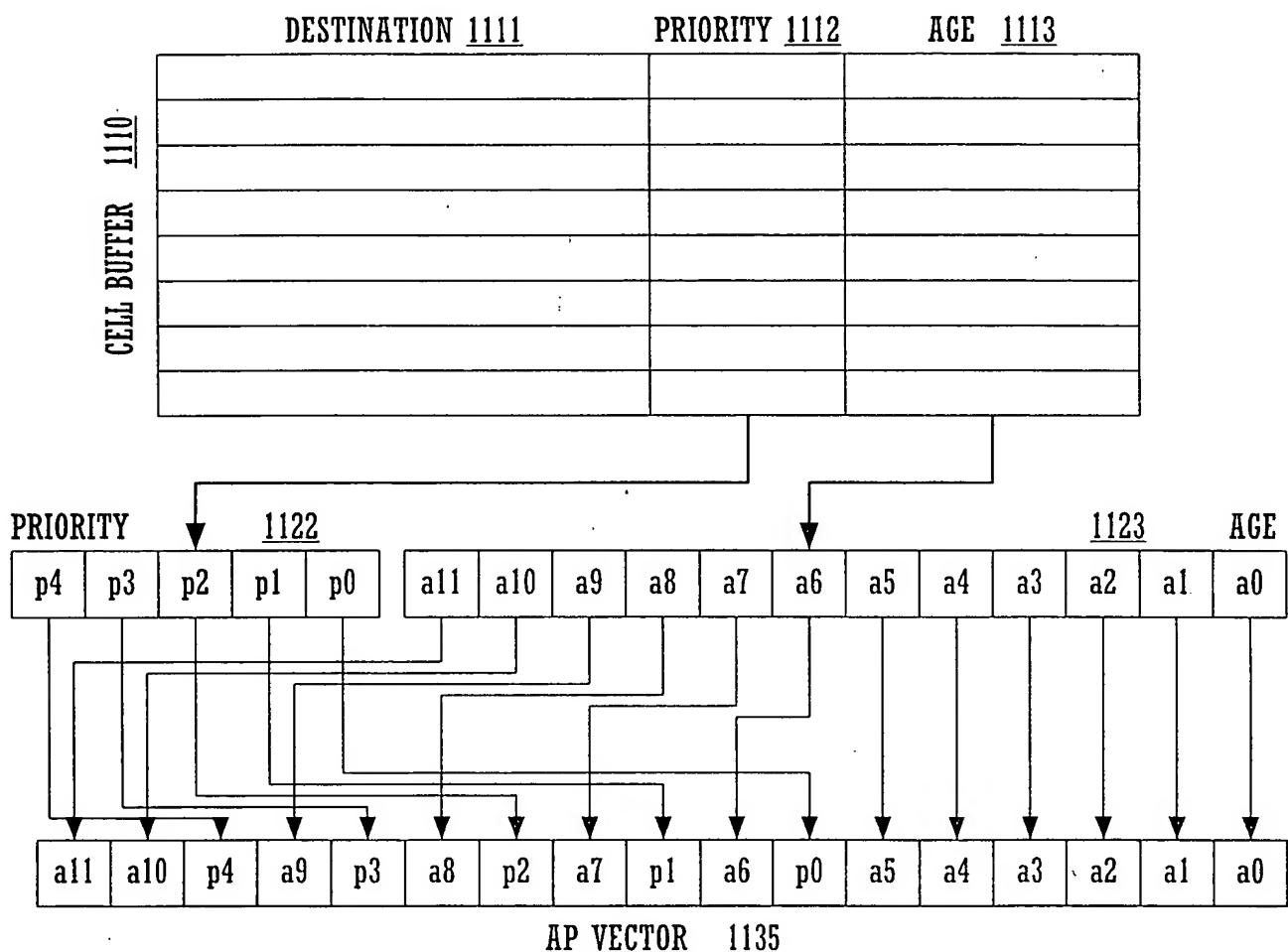


FIGURE 8

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1200

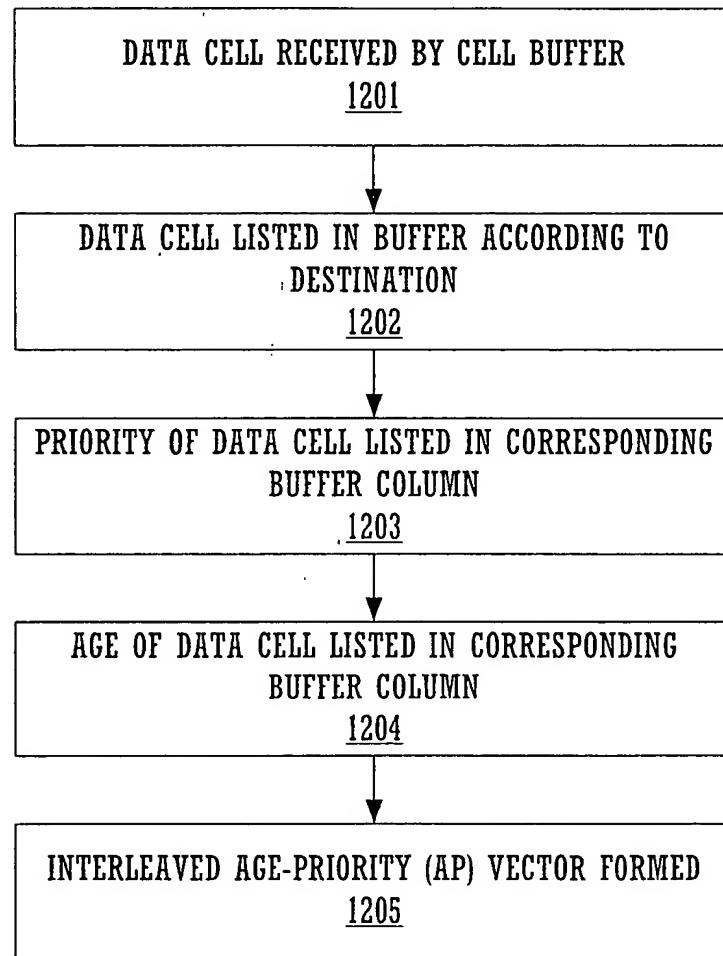


FIGURE 9

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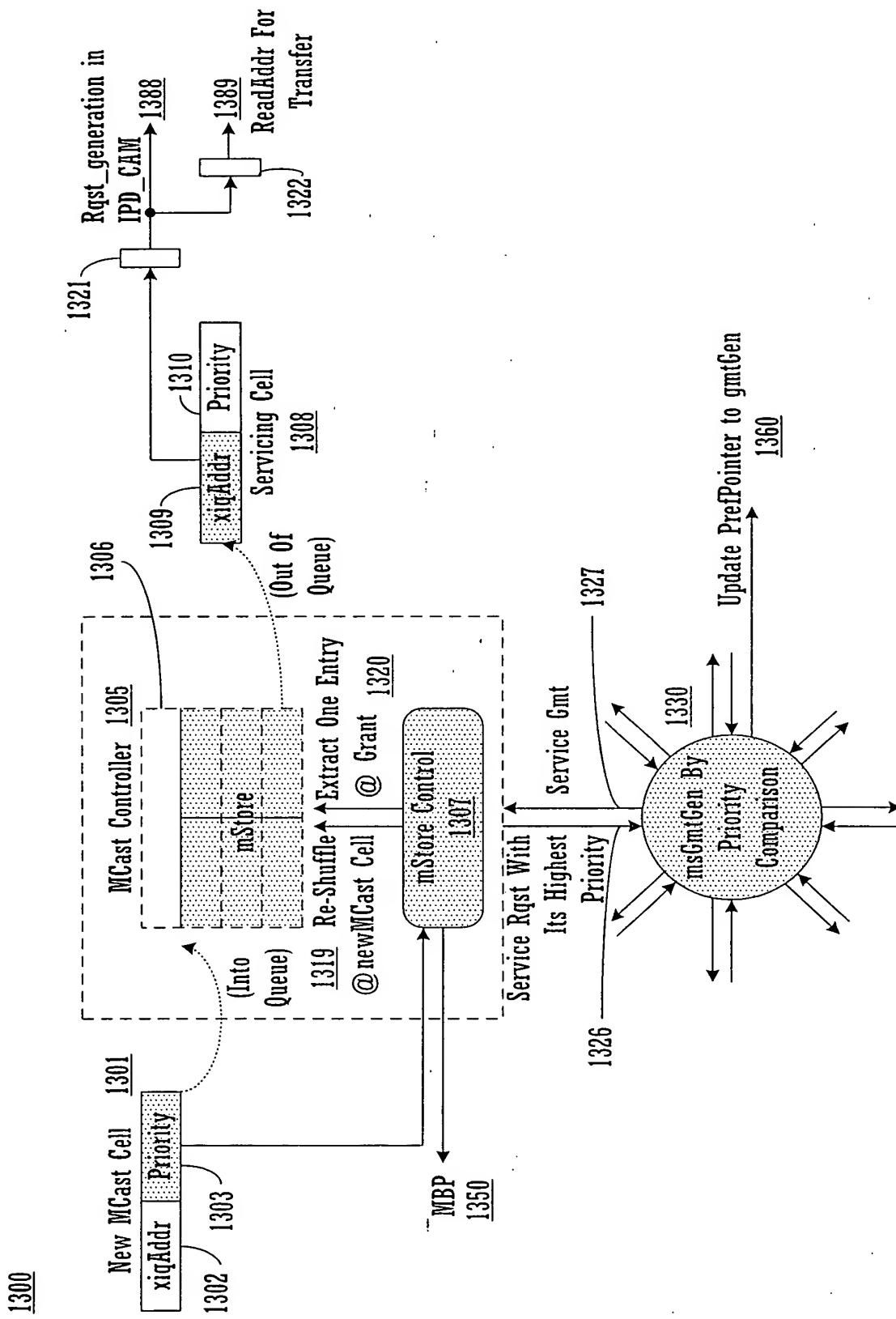


FIGURE 10

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1400

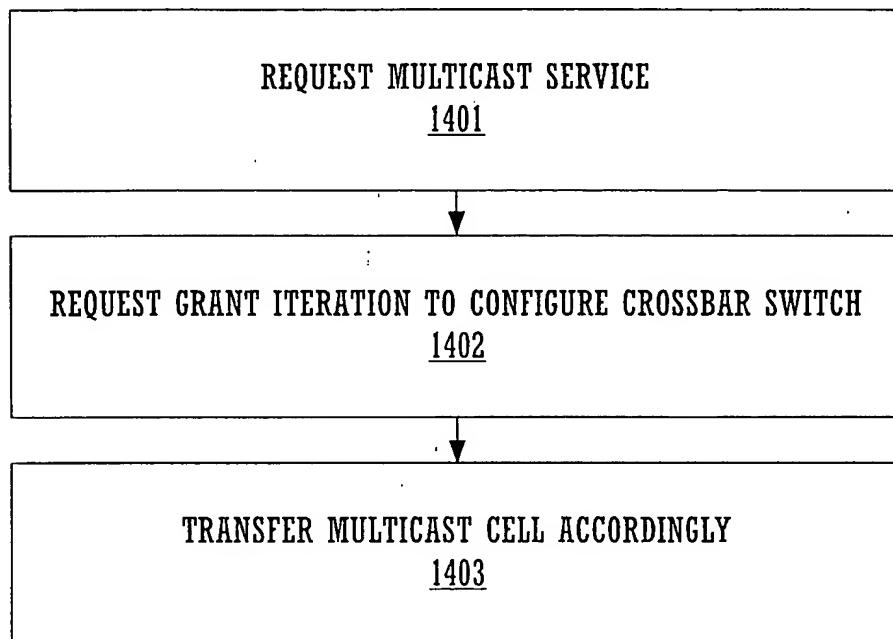


FIGURE 11A

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1450

PIPELINING

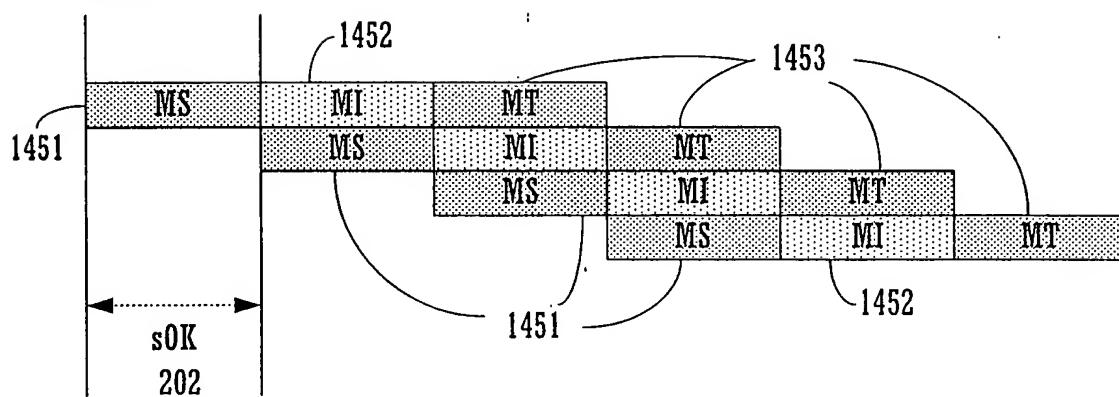


FIGURE 11B

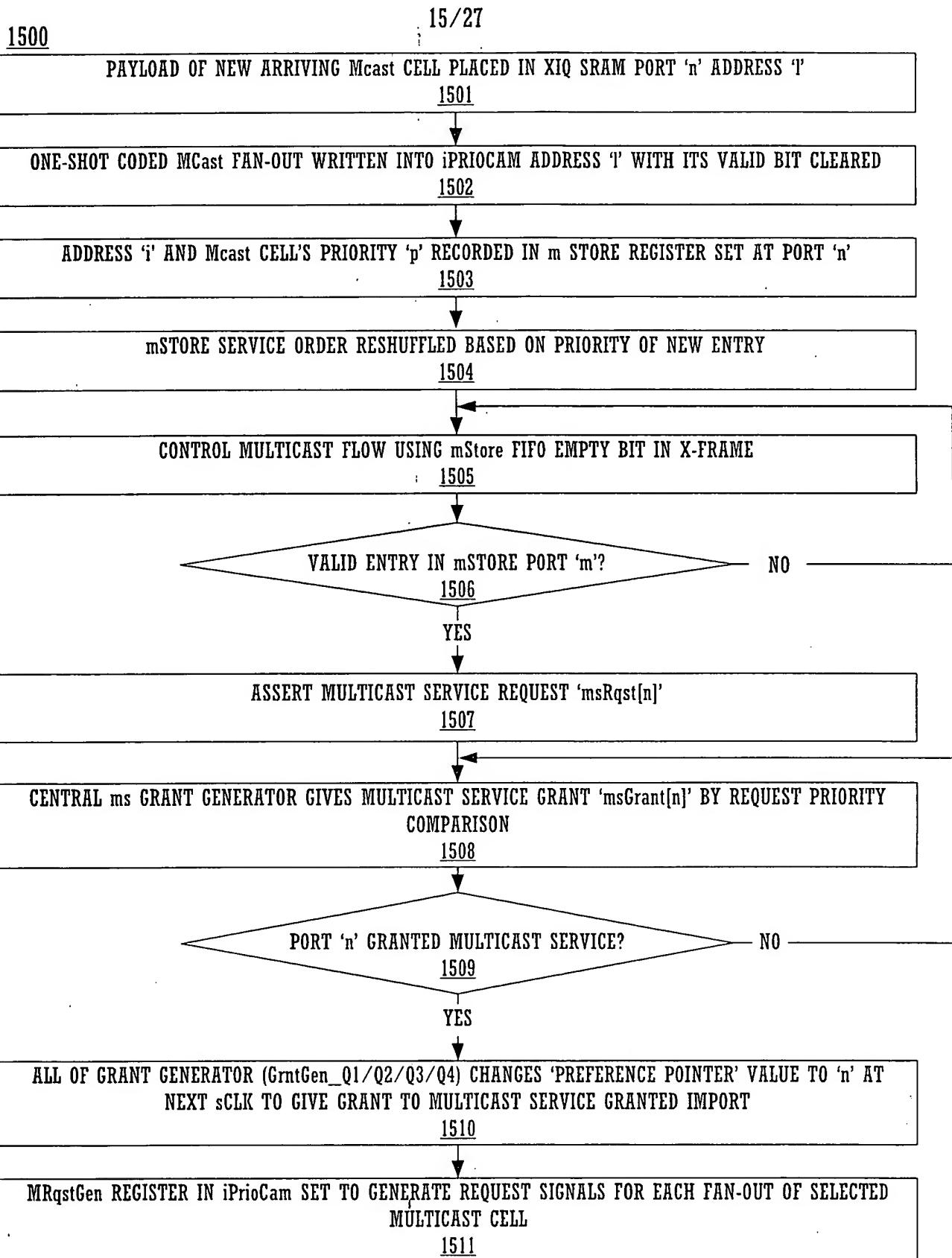


FIGURE 12

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1700

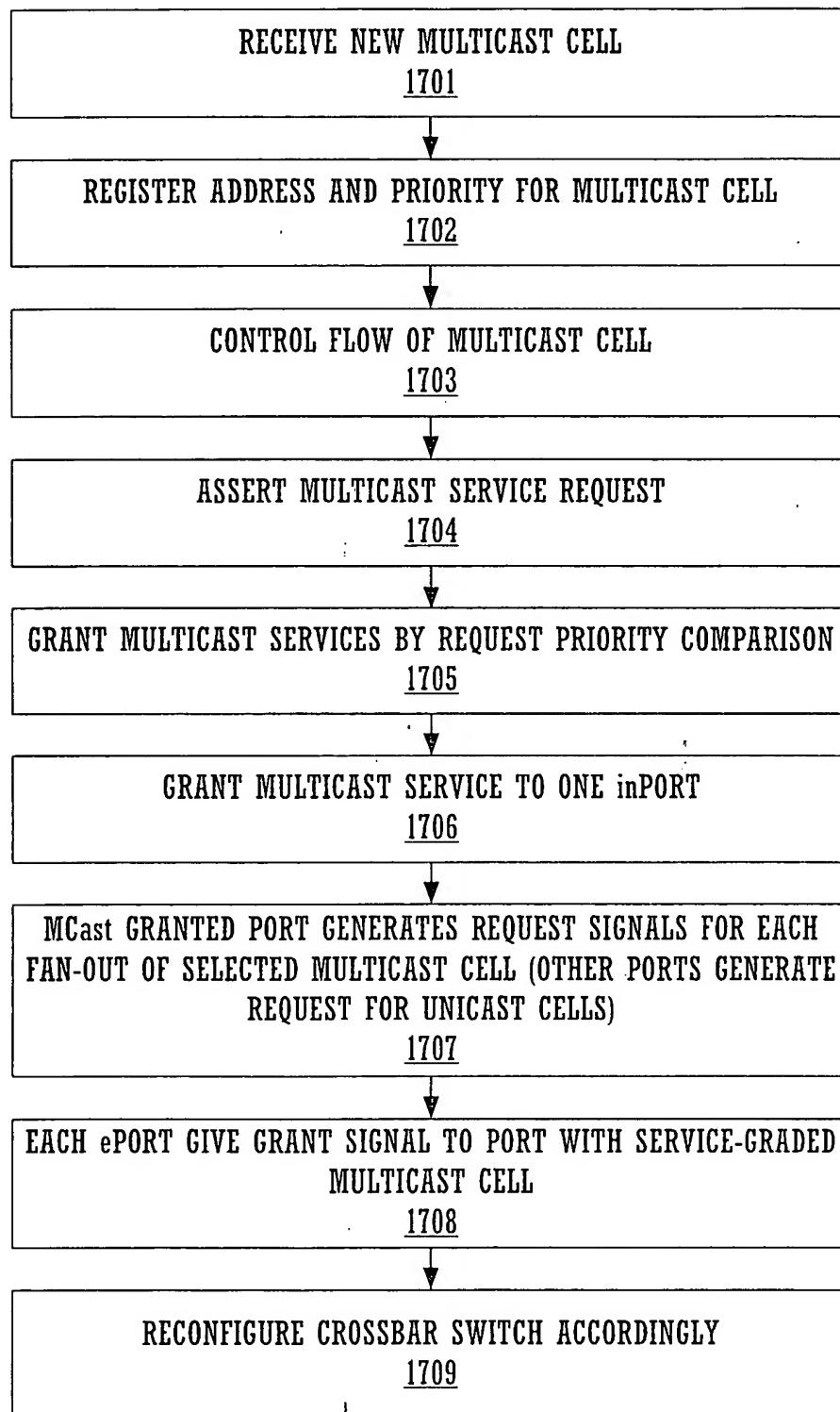


FIGURE 13

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1800

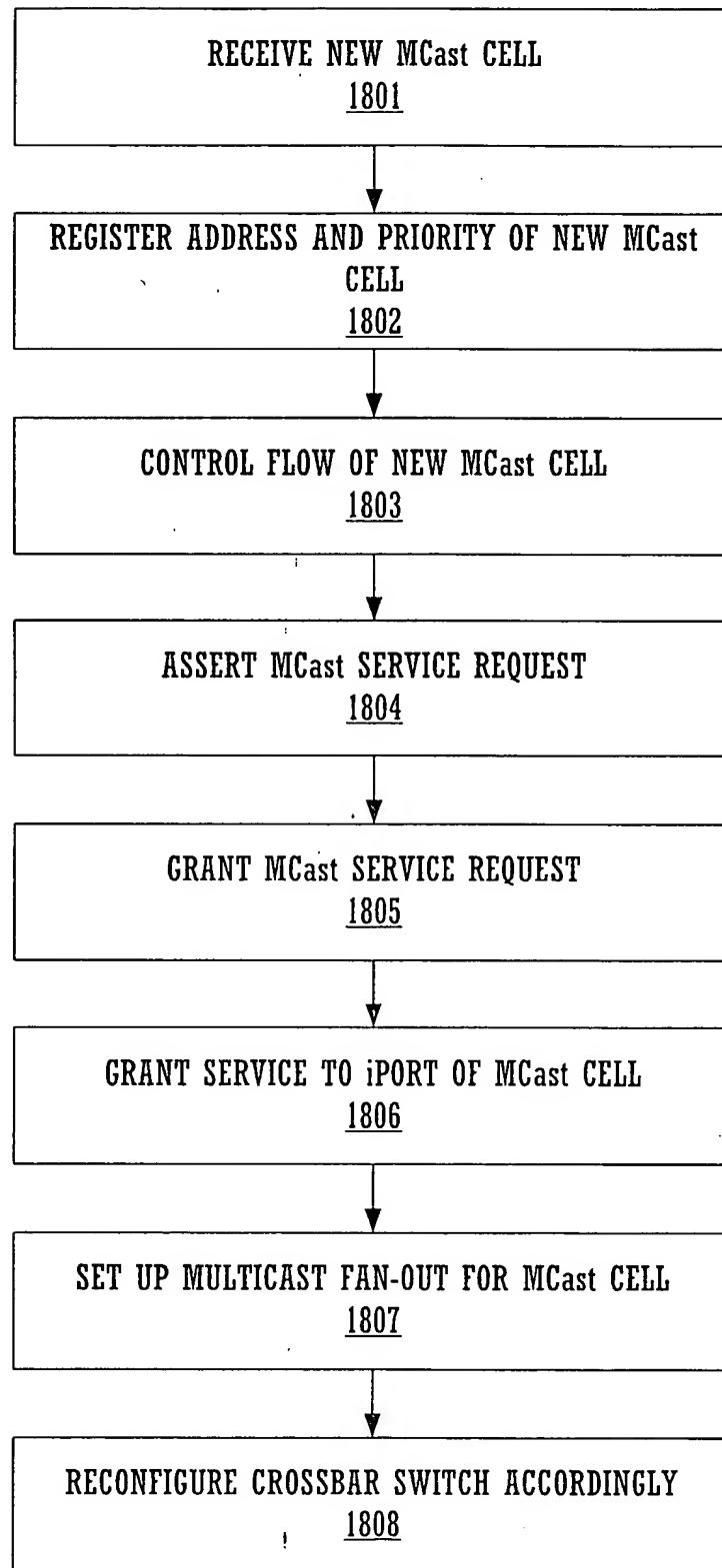
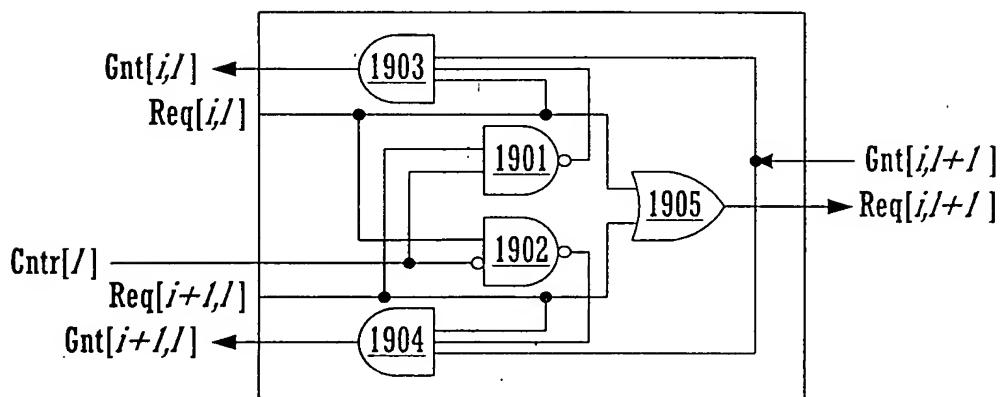


FIGURE 14

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1900

Sig[i,l] : *i*th SIGNAL AT LEVEL *l*



BRRT CELL

FIGURE 15

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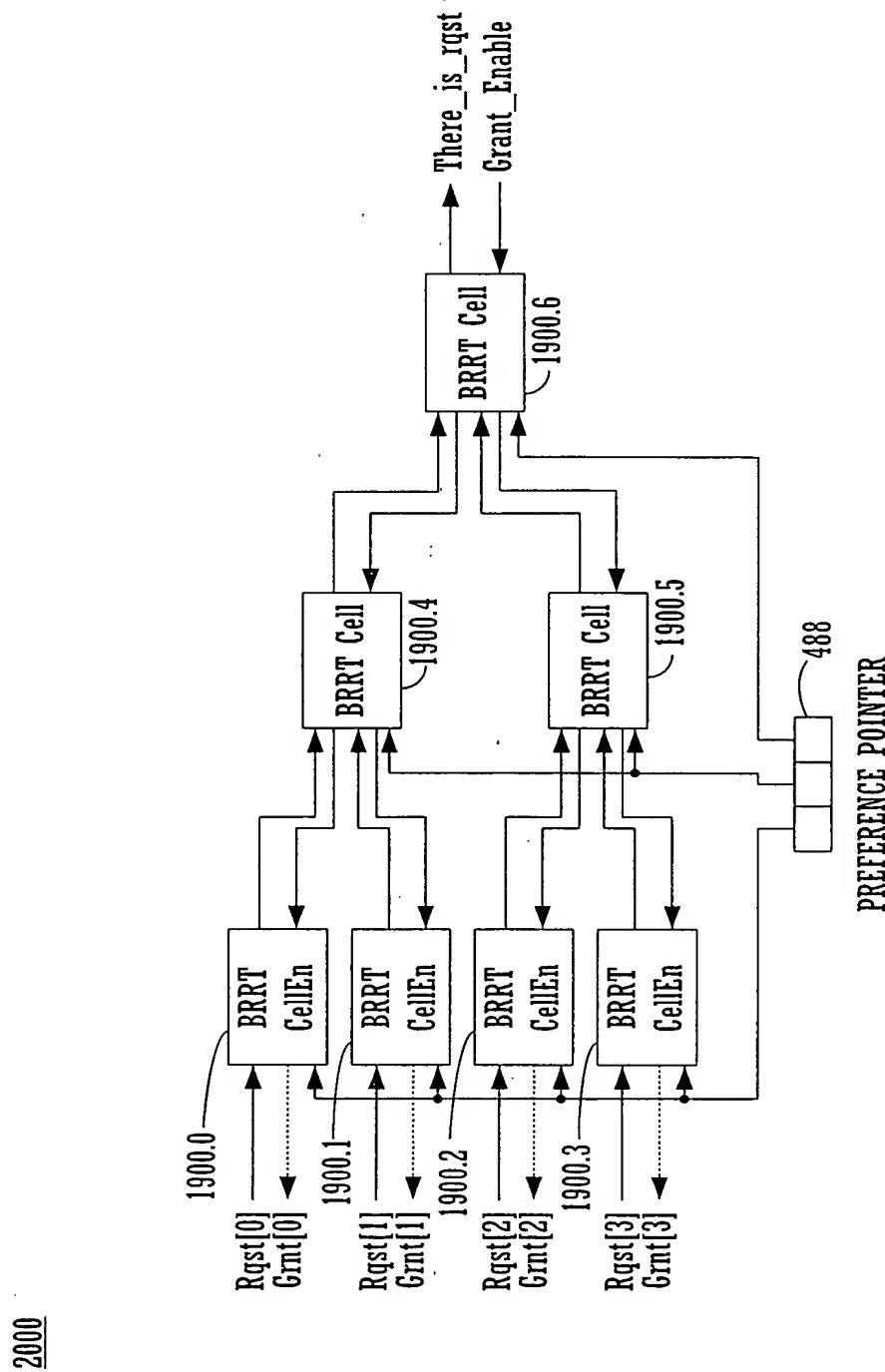


FIGURE 16A

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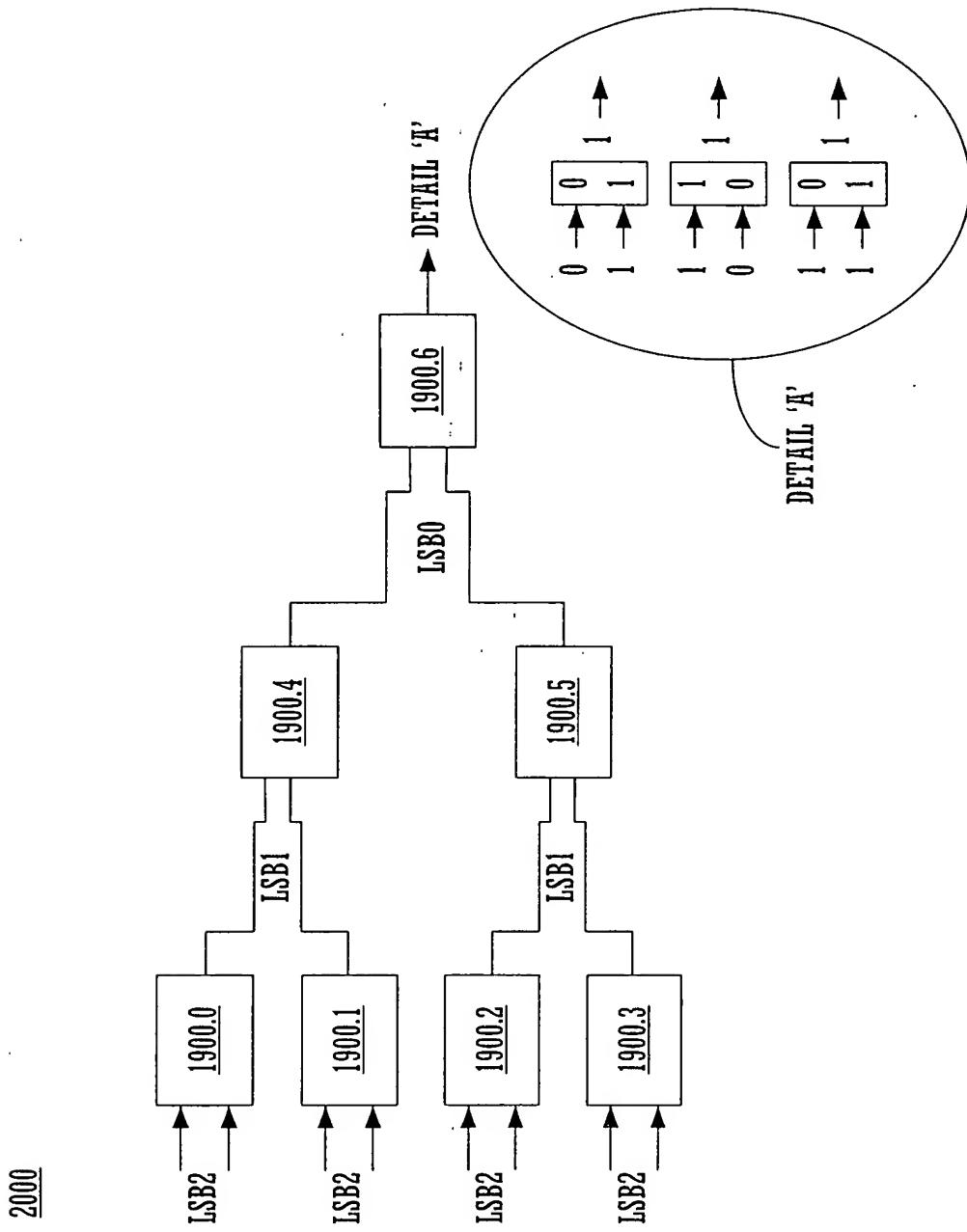


FIGURE 16B

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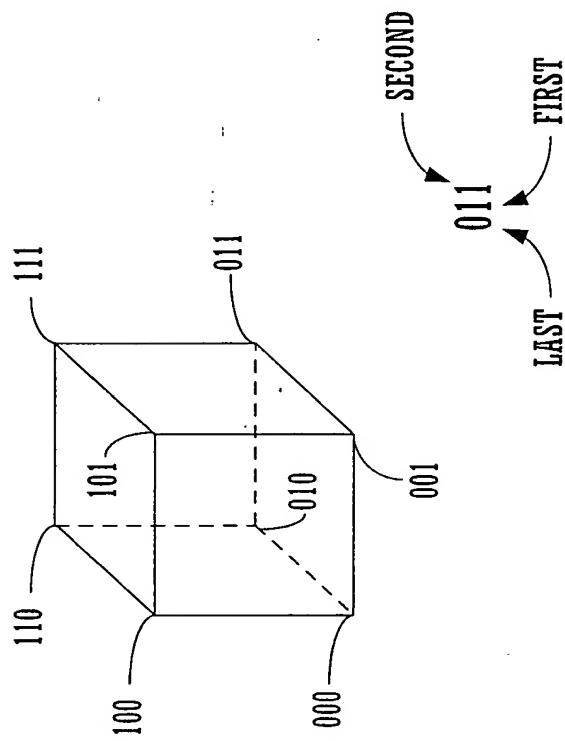


FIGURE 16C

2050

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1900.21

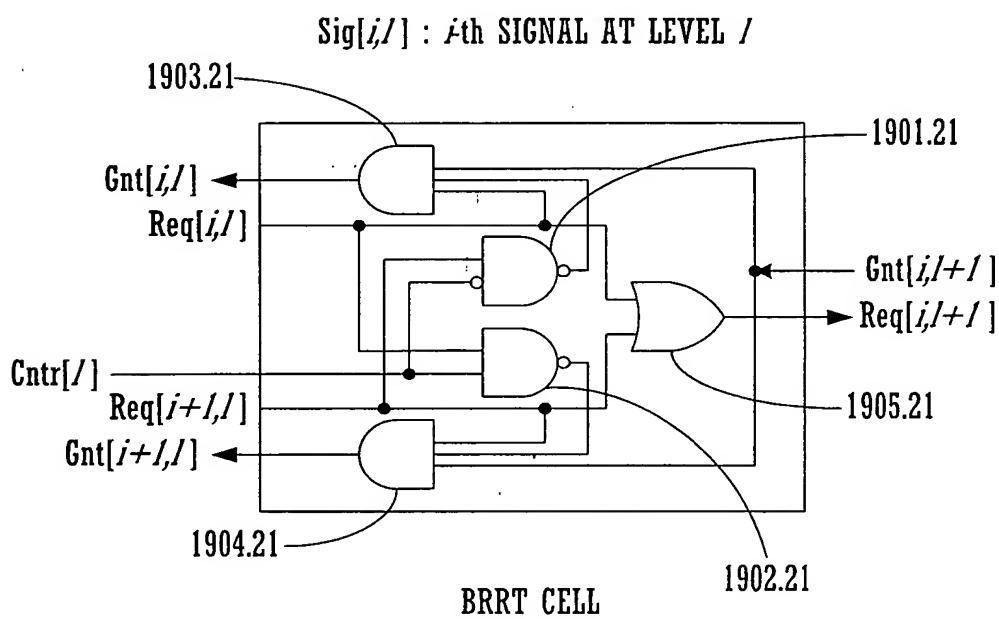
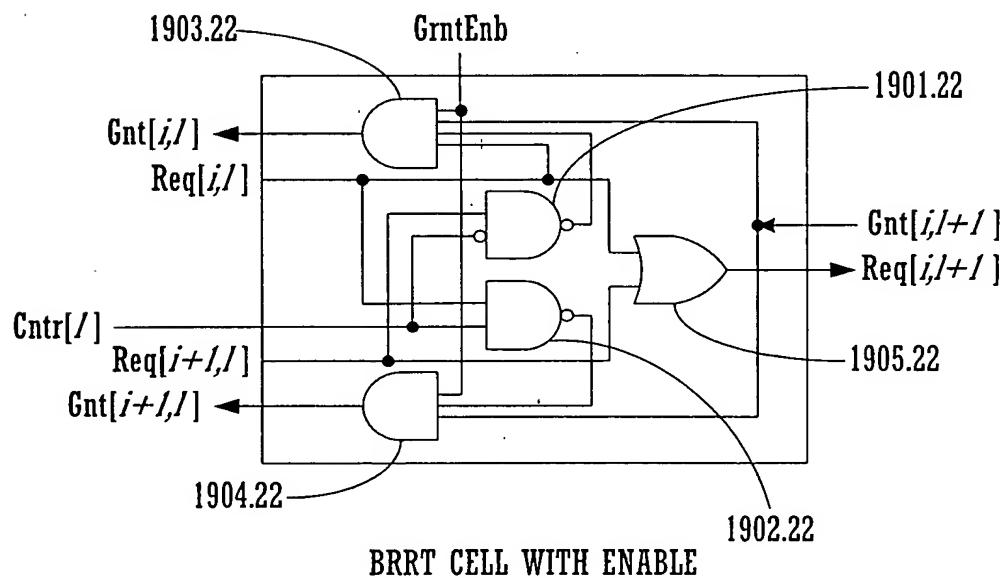


FIGURE 17

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1900.22

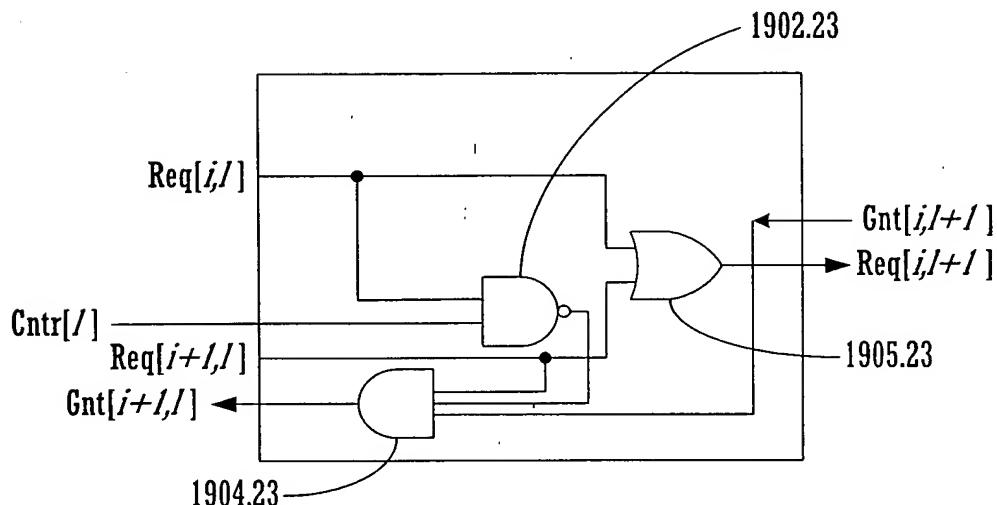


BRRT CELL WITH ENABLE

FIGURE 18

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1900.23



BRRT CELL WITH SINGLE GRANT

FIGURE 19

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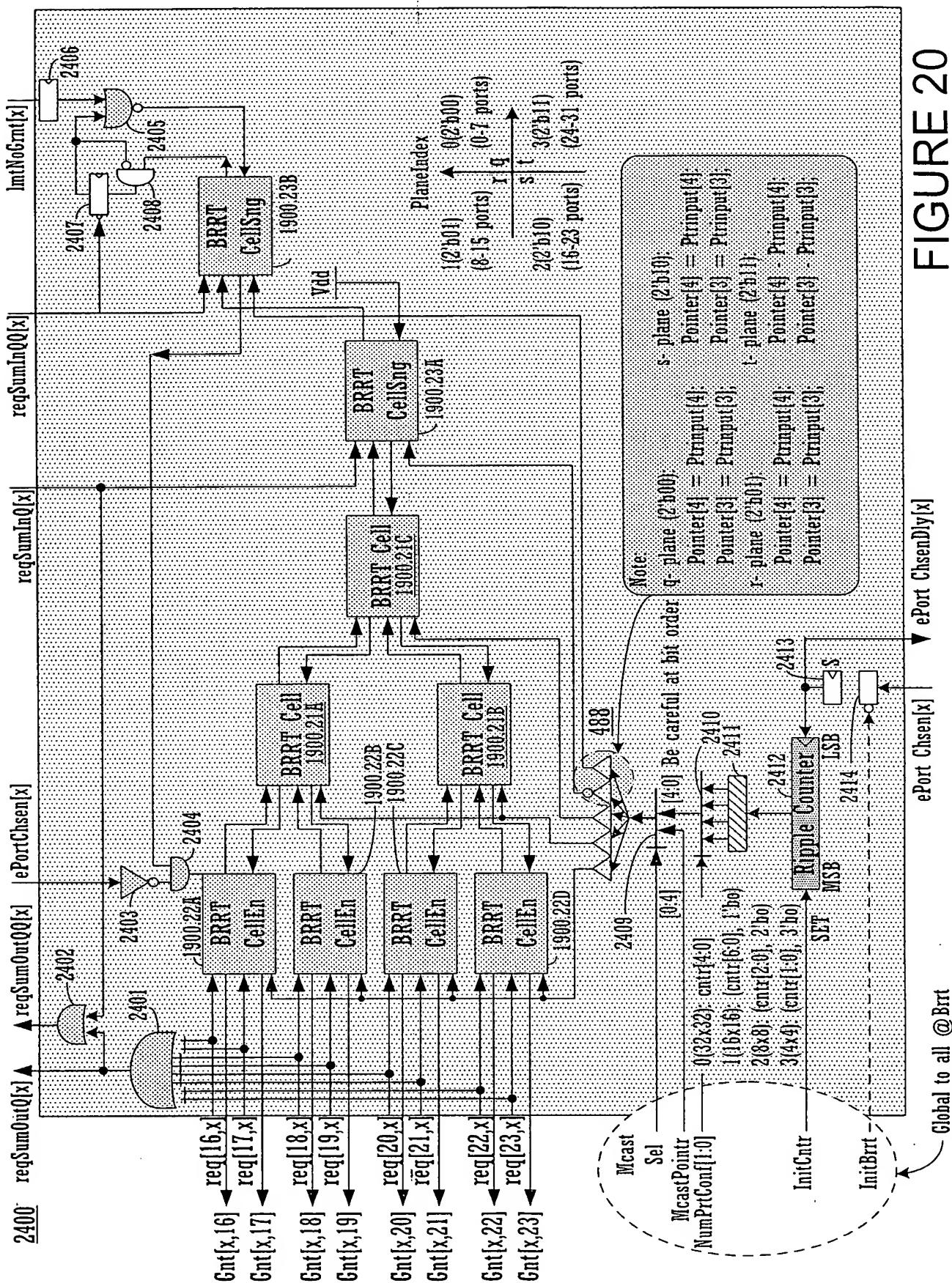


FIGURE 20

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2500

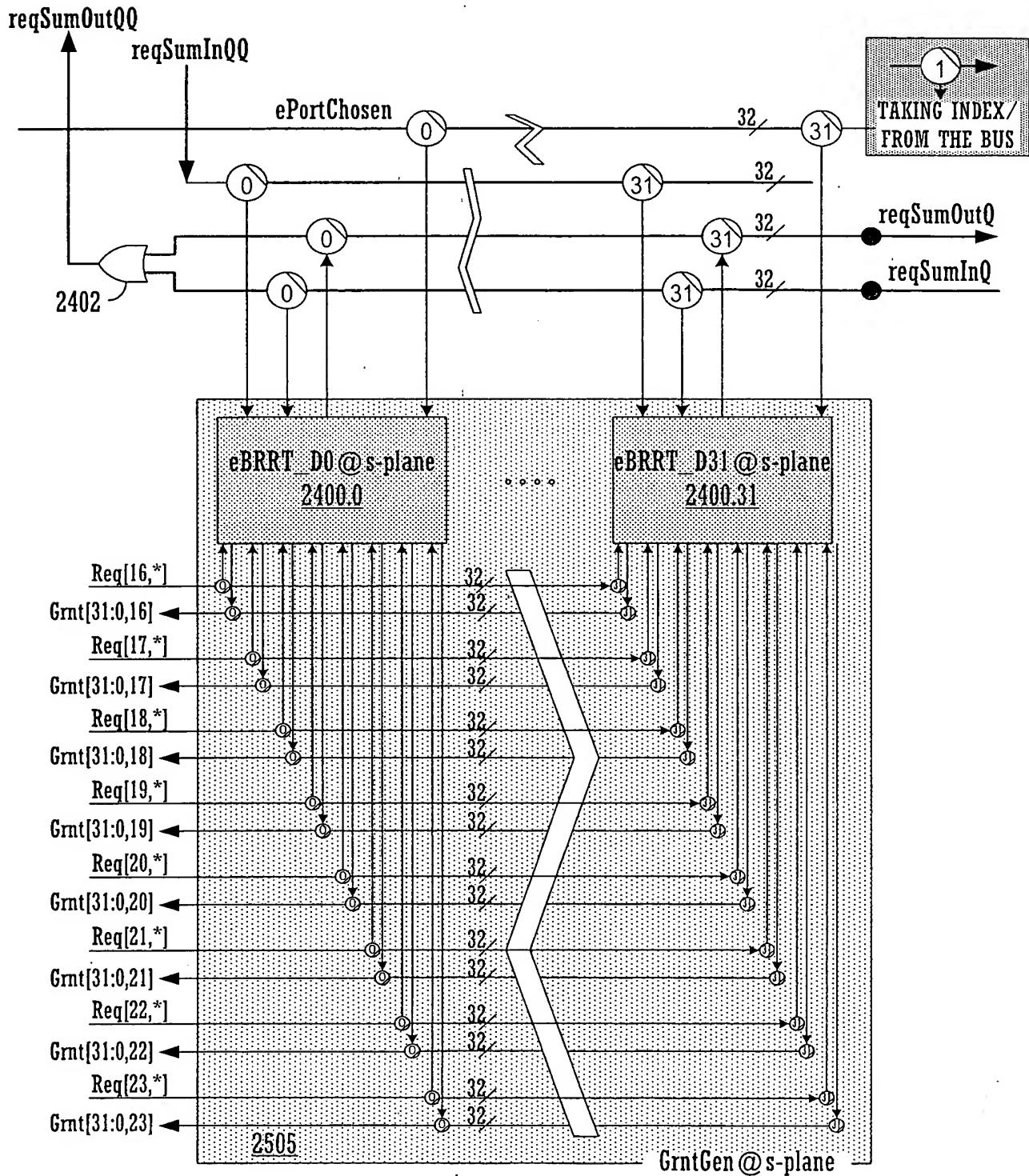


FIGURE 21

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2600

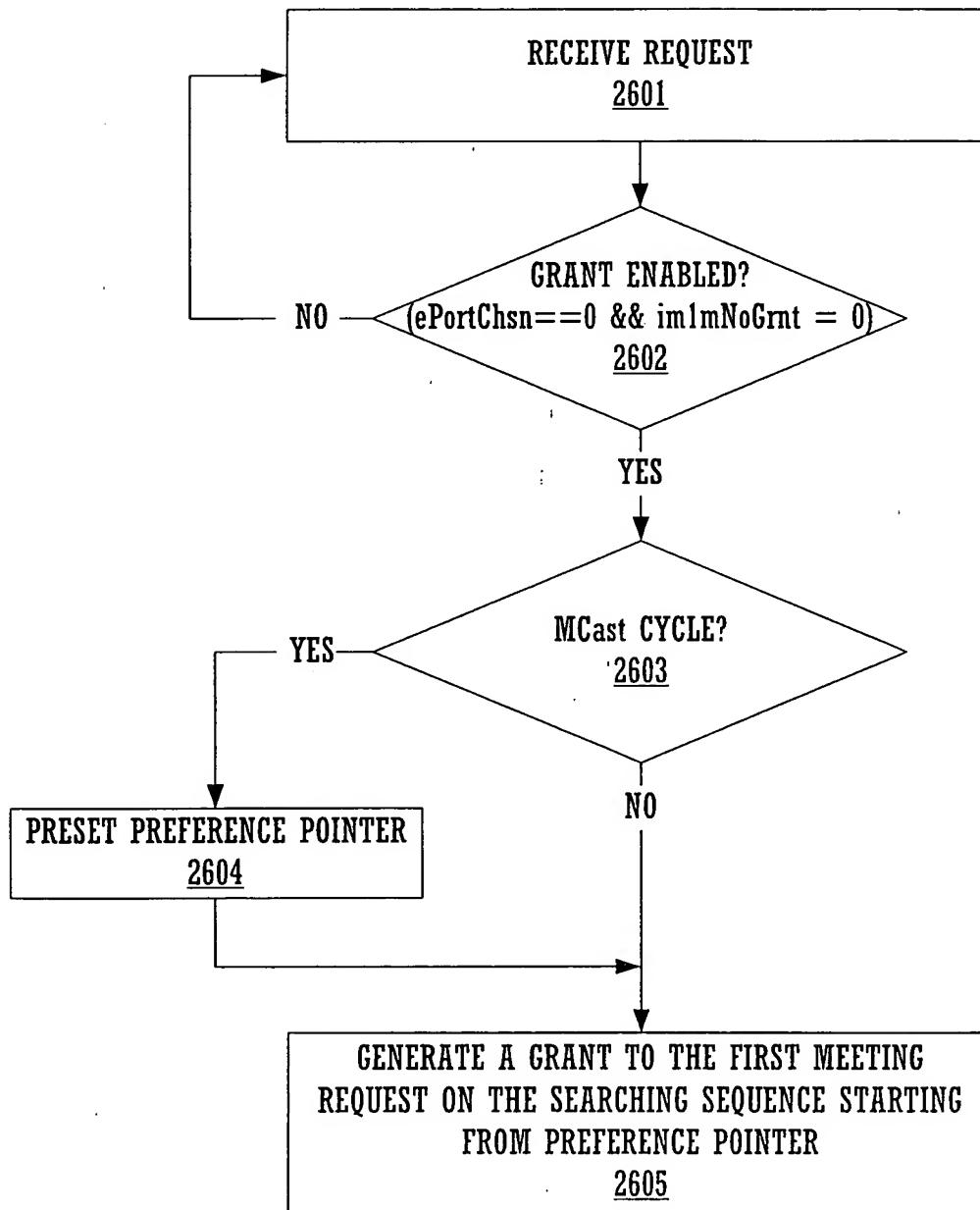


FIGURE 22